

Inventor: Long Yu
 Docket #: 9548.1062USWO
 Title: POLYNUCLEOTIDE, VECTOR, HOST CELL AND METHOD FOR PRODUCING
 HUMAN PATOMA-DERIVED GROWTH FACTOR 5 POLYPEPTIDE (A Jod)
 Attorney Name: Michael D. Schumann
 Phone No 612 455 3803
 Sheet 1 of 1

REPLACEMENT SHEET

human HDGF5 MSCFSRPK-YKTGDLVFAKLKGYAHWPARIHVTEP-----NRYQVFFFGTHETAFLGP 53
 rat HRP MSCFSRPK-YKTGDLVFAKLKGYAHWPARIHVTEP-----NRYQVFFFGTHETALLGP 53
 mouse HRP1 MSCFSRSK-YKTGDLVFAKLKGYAHWPARIHVTEP-----NRYQVFFFGTHETALLGP 53
 mouse HDGF MSRSNRQKEYKCGDLVFAKMKGYPHWPARIDEMPEAAVKSTANKYQVFFFGTHETAFLGP 60
 rat HDGF MSRSNRQKEYKCGDLVFAKMKGYPHWPARIDEMPEAAVKSTANKYQVFFFGTHETAFLGP 60
 human HDGF MSRSNRQKEYKCGDLVFAKMKGYPHWPARIDEMPEAAVKSTANKYQVFFFGTHETAFLGP 60
 human HRP1 MSRSNRQKEYKCGDLVFAKMKGYPHWPARIDEMPEAAVKSTANKYQVFFFGTHETAFLGP 60
 human HRP3 -MARPRPREYKAGDLVFAKMKGYPHWPARIDELPEGAVKPPANKYPIFFFGTHETAFLGP 59
 mouse HRP3 -MARPRPREYKAGDLVFAKMKGYPHWPARIDELPEGAVKPPANKYPIFFFGTHETAFLGP 59
 mouse HRP2 -----MPHAFKPGDLVFAKMKGYPHWPARIDDIADGAVKPPPNKYPIFFFGTHETAFLGP 55
 rat HDGF3 -----MPHAFKPGDLVFAKMKGYPHWPARIDDIADGAVKPPPNKYPIFFFGTHETAFLGP 55

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human HDGF5 KHLFPYEESKERFGKPNKRRGFSEGLWEIEHDPMAEASPCPCDEEQCAEPPGPGEPE 113 (SEQ ID NO:2)
 rat HRP KHLFPYEESKERFGKPNKRRGFSEGLWEIEHDPMVEASPCPCDEEQCAEPPGPGEPE 113 (SEQ ID NO:9)
 mouse HRP1 RHLFPYEESKEKFGKPNKRRGFSEGLWEIEHDPMVEASSLCSEEDQSYTEDPGLAEEPE 113 (SEQ ID NO:10)
 mouse HDGF KDLFPYEESKEKFGKPNKRRGFSEGLWEIENNPVKASGYQSS-QKKSCAAEP----- 112 (SEQ ID NO:11)
 rat HDGF KDLFPYEESKEKFGKPNKRRGFSEGLWEIENNPVKASGYQSS-QKKSCAEEP----- 112 (SEQ ID NO:12)
 human HDGF KDLFPYEESKEKFGKPNKRRGFSEGLWEIENNPVKASGYQSS-QKKSCVEEP----- 112 (SEQ ID NO:13)
 human HRP1 KDLFPYEESKEKFGKPNKRRGFSEGLWEIENNPVKASGYQSS-QKKSCVEEP----- 112 (SEQ ID NO:14)
 human HRP3 KDLFPYKEYKDKFGKSNKRGFNEGLWEIENNPVKFTGYQAIQQSSSETEGEGGNTAD 119 (SEQ ID NO:15)
 mouse HRP3 KDLFPYKEYKDKFGKSNKRGFNEGLWEIENNPVKFTGYQTIQQSSSETEGEGGNTAD 119 (SEQ ID NO:16)
 mouse HRP2 KDLFPYDKCKDKYGKPNKRRGFNEGLWEIQNNPHASYSAPPPVSSDSEAPEADLGGSD 116 (SEQ ID NO:17)
 rat HDGF3 KDLFPYDKCKDKYGKPNKRRGFNEGLWEIQNNPHASYSAPLPVSSDSEAPEADLGGSD 116 (SEQ ID NO:18)

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Fig. 1